CLAIMS

1. A contents processing method comprising the steps of:

storing contents;

extracting the stored contents;

encrypting the extracted contents, based on an identifier given uniquely to a medium;

recording the encrypted contents on the medium;

accepting a limiting condition for reproducing, displaying or executing the contents;

recording the accepted limiting condition on the medium; and

reproducing, displaying or executing the contents recorded on the medium while decrypting the contents based on the identifier under the recorded limiting condition.

2. A contents processing system comprising:

a recording device for recording contents on a medium; and

an execution device for reproducing, displaying or executing the contents recorded on the medium,

wherein the recording device includes a processor capable of performing the following operations:

storing contents in advance in conjunction with

first specifying information for specifying the contents;

accepting first specifying information;

extracting the stored contents, based on the accepted first specifying information;

reading an identifier given uniquely to the medium;

encrypting the extracted contents, based on the read identifier;

recording the encrypted contents on the medium;

accepting a limiting condition for reproducing, displaying or executing the contents; and

recording the accepted limiting condition on the medium,

wherein the execution device includes a processor capable of performing the following operations:

reading the identifier of the medium;

decrypting the contents recorded on the medium in an encrypted form, based on the read identifier; and

reproducing, displaying or executing the decrypted contents under the limiting condition recorded on the medium.

3. The contents processing system of claim 2, further comprising a central device connected to the recording device and the execution device via a communication network, wherein

the processor of the execution device is further capable of performing the following operations:

accepting first specifying information;

accepting second specifying information for specifying a recording device in which the contents are to be recorded; and

transmitting the accepted first specifying information, second specifying information and the identifier given to the medium to the central device, wherein

the central device includes a processor capable of performing the following operations:

extracting contents from a content database storing contents, based on the transmitted first specifying information; and

transmitting the extracted contents and the transmitted identifier to a recording device corresponding to the transmitted second specifying information, and

the processor of the recording device is further capable of performing the following operations:

storing the transmitted contents in the content file in conjunction with the identifier; and

extracting the contents from the content file based on the identifier of the medium.

4. The contents processing system of claim 3,

wherein the contents are web pages, and the first specifying information is a search keyword for searching for web pages, and

the processor of the central device extracts a web page corresponding to the transmitted search keyword and web pages linked to the web page from the content database, based on the search keyword, for extraction of the contents.

5. The contents processing system of claim 4,

wherein the processor of the central device is further capable of performing an operation of accepting a limit number of times for limiting the number of times of linking between the web page corresponding to the search keyword and web pages linked to the web page, and

the processor of the central device extracts the web page corresponding to the transmitted search keyword and web pages linked to the web page within the accepted limit number of times from the content database, based on the search keyword, for extraction of the contents.

6. The contents processing system of claim 5,

wherein the processor of the execution device is further capable of performing an operation of transmitting a URL of a web page which is not stored on the medium to the central device when the web page is to be displayed on a browser.

7. A recording device for recording contents on a medium, comprising a processor capable of performing the following operations:

storing the contents in advance in conjunction with first specifying information for specifying the contents;

accepting first specifying information;

accepting fees for recording the contents on the medium;

extracting the stored contents, based on the accepted first specifying information;

reading an identifier given uniquely to the medium;

encrypting the extracted contents, based on the read identifier; and

recording the encrypted contents on the medium.

8. A recording device for recording contents on a medium, comprising a processor capable of performing the

following operations:

storing contents in advance in conjunction with first specifying information for specifying the contents;

accepting first specifying information;

extracting the stored contents, based on the accepted first specifying information;

reading an identifier given uniquely to the medium;

encrypting the extracted contents, based on the read identifier;

recording the encrypted contents on the medium;

accepting a limiting condition for reproducing, displaying or executing the contents; and

recording the accepted limiting condition on the medium.

9. The recording device of claim 8, wherein the processor is further capable of performing the following operations:

storing transmitted contents and the identifier from the outside in a content file in conjunction with each other; and

extracting the contents from the content file,

based on the identifier of the medium.

10. An execution device for reproducing, displaying or executing contents recorded on a medium, comprising:

a processor capable of performing the following operations:

reading an identifier given uniquely to the medium;

decrypting contents, which have been encrypted based on the identifier and recorded, based on the read identifier; and

reproducing, displaying or executing the decrypted contents under a limiting condition for reducing, displaying or executing the contents recorded on the medium.

11. The execution device of claim 10, wherein the processor is further capable of performing the following operations:

accepting first specifying information for specifying the contents;

accepting second specifying information for specifying other computer in which the contents are to be recorded; and

transmitting the accepted first specifying information

and second specifying information and the read identifier of the medium to the outside.

12. A central device for transmitting contents to another computer connected via a communication network, comprising a processor capable of performing the following operations:

accepting first specifying information for specifying contents, second specifying information for specifying another computer in which the contents are to be recorded and an identifier given uniquely to each medium, transmitted from the outside;

extracting contents from a content database storing contents, based on the accepted first specifying information; and

transmitting the extracted contents and the identifier to another computer associated with the second specifying information.

13. The central device of claim 12,

wherein the contents are web pages and the first specifying information is a search keyword for searching for web pages, and

the processor extracts a web page corresponding to the transmitted search keyword and web pages linked to

the web page from the content database, based on the search keyword, when the contents are to be extracted by the processor.

14. The central device of claim 13,

wherein the processor is further capable of performing an operation of accepting a limit number of times for limiting the number of times of linking between the web page corresponding to the search keyword and web pages linked to the web page, and

the processor extracts the web page corresponding to the transmitted search keyword and web pages linked to the web page within the accepted limit number of times from the content database, based on the search keyword, when the contents are to be extracted by the processor.

15. A contents processing system comprising:

a recording device for recording contents on a medium; and

an execution device for reproducing, displaying or executing the contents recorded on the medium,

wherein the recording device includes:

means for storing the contents in advance in conjunction with first specifying information for specifying the contents;

means for accepting first specifying information;

means for extracting the stored contents, based on the accepted first specifying information;

means for reading an identifier given uniquely to the medium;

means for encrypting the extracted contents, based on the read identifier;

means for recording the encrypted contents on the medium;

means for accepting a limiting condition for reproducing, displaying or executing the contents; and

means for recording the accepted limiting condition on the medium,

wherein the execution device includes:

means for reading the identifier of the medium;

means for decrypting contents recorded on the medium in an encrypted form, based on the read identifier; and

means for reproducing, displaying or executing the decrypted contents under the limiting condition recorded on the medium.

16. A recording device for recording contents on a

medium, comprising:

means for storing the contents in advance in conjunction with first specifying information for specifying the contents;

means for accepting first specifying information;

means for accepting fees for recording the contents on the medium;

means for extracting the stored contents, based on the accepted first specifying information;

means for reading an identifier given uniquely to the medium;

means for encrypting the extracted contents, based on the read identifier; and

means for recording the encrypted contents on the medium.

17. An execution device for reproducing, displaying or executing contents recorded on a medium, comprising:

means for reading an identifier given uniquely to the medium;

means for decrypting contents, which have been encrypted based on the identifier and recorded, based on the read identifier; and

means for reproducing, displaying or executing the decrypted contents under a limiting condition for

reproducing, displaying or executing the contents recorded on the medium.

18. A computer memory product readable by a computer and storing a computer program for recording contents on a medium, the computer program comprising the steps of:

storing the contents in advance in conjunction with first specifying information for specifying the contents;

accepting first specifying information;

extracting the stored contents, based on the accepted first specifying information;

reading an identifier given uniquely to the medium;

encrypting the extracted contents, based on the read identifier;

recording the encrypted contents on the medium;

accepting a limiting condition for reproducing, displaying or executing the contents; and

recording the accepted limiting condition on the medium.

19. A computer memory product readable by a computer and storing a computer program for reproducing, displaying or executing contents recorded on a medium, the computer program comprising the steps of:

reading an identifier given uniquely to the medium;

decrypting contents, which have been encrypted based on the identifier and recorded, based on the read identifier; and

reproducing, displaying or executing the decrypted contents under a limiting condition for reproducing, displaying or executing the contents recorded on the medium.

20. A computer memory product readable by a computer and storing a computer program for transmitting contents to another computer connected via a communication network, the computer program comprising the steps of:

accepting first specifying information for specifying contents, second specifying information for specifying another computer in which the contents are to be recorded, and an identifier given uniquely to each medium, transmitted from the outside;

extracting contents from a content database storing contents, based on the accepted first specifying information; and

transmitting the extracted contents and the identifier to another computer corresponding to the second specifying information.